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Express Mail No.: EL649158558US  
Date of Deposit: 17 February 2004

322856 U.S.PTO  
10/780384

021704  
021704

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Francis LAU et al.

For: HYDROGEN PRODUCTION PROCESS FROM CARBONACEOUS MATERIALS USING MEMBRANE GASIFIER

Enclosed are:

- Sixteen (16) pages of specification, seven (7) pages of claims (Claims 1-29), one (1) page of Abstract, and five (5) sheets of drawings (Figs. 1-7).
- Executed combined Oath or Declaration, Power of Attorney and Petition.
- Certificate of Mailing by Express Mail.
- A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- Recordation Form Cover Sheet, in duplicate, together with executed Assignment Document.
- Information Disclosure Statement, together with Form PTO-1449 (page(s)) and a copy of each and every cited reference.
- Return Receipt Postcard.

The filing fee has been calculated as shown below:

	COL. 1	COL. 2	SMALL ENTITY	LARGE ENTITY
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$385 OR \$770
TOTAL CLAIMS	29 less 20	9	X 09 =	81 OR X 18 =
INDEPENDENT CLAIMS	2 less 3	0	X 43 =	0 OR X 86 =
MULTIPLE DEPENDENT CLAIMS PRESENTED			+145 =	OR +290 =
<b>* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2</b>			<b>TOTAL</b>	<b>\$466 OR TOTAL</b>

- Please charge my Account No. 502045 in the amount of (\$466.00). A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 502045. A duplicate copy of this sheet is enclosed.
  - Any additional filing fees required under 37 CFR 1.16.
  - Any patent application processing fees under 37 CFR 1.17.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Francis LAU  
Shain-Jer DOONG

Title: HYDROGEN PRODUCTION PROCESS FROM  
CARBONACEOUS MATERIALS USING  
MEMBRANE GASIFIER

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**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**Mail Stop PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

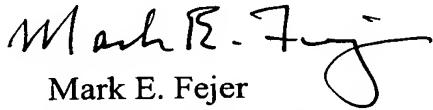
I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL649158558US, on 17 February 2004, and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter, in duplicate

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Respectfully submitted,

  
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